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Patent
Attorney Docket No. 030681-457

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

In-kyu Park et al.

Group Art Unit: 2671

Application No.: 10/727,629

Examiner: Unassigned

Filing Date: December 5, 2003

Confirmation No.: 9103

Title: METHOD AND APPARATUS FOR ENCODING AND DECODING THREE-DIMENSIONAL OBJECT DATA

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
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By

Charles F. Wieland III
Registration No. 33,096

Date: June 21, 2004



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Sir:

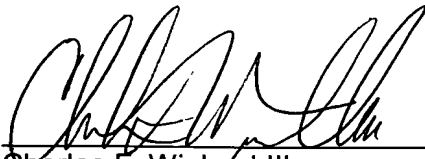
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

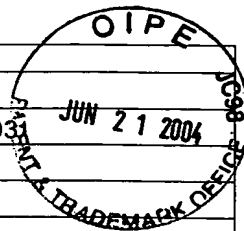
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Substitute for form 1449A/PTO & 1449B/PTO			Complete if Known	
SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/727,629
			Filing Date	December 5, 2003
			First Named Inventor	In-kyu Park et al.
			Examiner Name	Unassigned
			Attorney Docket Number	030681-457
Sheet	1	of	1	



U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation
					Yes No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	European Search Report for corresponding Application No. 03257599.5
	Y. BAYAKOVSKI ET AL., "Depth Image-Based Representations and Compression for Static and Animated 3D Objects", Laboratory of Computer Graphics at Dep of CS MSU, 2002, pgs 1-27,
	Y. BAYAKOVSKI ET AL., "Depth Image-Based Representations for Static and Animated 3D Objects", Proceedings International Conference on Image Processing, ICIP 2002, pgs. 25-28, Vol. 2, No. 3. IEEE, New York, NY, USA
	HANAN SAMET ET AL., "Octree Approximation and Compression Methods", Proceedings of First International Symposium on 3D Data Processing Visualization and Transmission, Padova, Italy, 2002, pgs. 1-10, IEEE Computer Society
	JOHN G. CLEARY ET AL., "Data Compression Using Adaptive Coding and Partial String Matching", IEEE Transactions on Communications, 1984, pgs. 396-402, Vol. COM-32, No. 4, IEEE Inc., New York, USA
	ALEXANDER ZHIRKOV, "Binary Volumetric Octree Representation for Image-Based Rendering", Proc. Of Graphicon'01, 2001, pgs. 1-2, Retrieved from the Internet

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
VA 199140.1